

ABSTRACT OF THE DISCLOSURE

An apparatus for outputting a laser beam includes a laser beam source and laser beam diameter adjusting means for adjusting a diameter of a beam incident from the laser beam source. The apparatus also includes laser
5 beam reflecting direction controlling means for controlling a reflecting direction of the beam incident from the laser beam diameter adjusting means, and recording means for recording information data in accordance with the diameter of the beam incident from the laser beam reflection direction controlling means.